

Appendix B

Location/Correlated Physiological Function/Citation Chart

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Location:	Correlated Physiological Function:	Citation
1. gastrointestinal tract smooth muscle	1. motility of stomach and intestines	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 157 and 728 (1996)
2. gastrointestinal tract ganglionic nerve fibers	2. motility of stomach and intestines	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 157 and 728 (1996).
3. urinary tract smooth muscle	3. ureter function and urinary bladder function	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 110 and 125 (1996)
4. salivary gland	4. salivary secretion	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 147 (1996)
5. alpha cells of the pancreas	5. secretion of glucagon	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1489 (1996)
6. beta cells of the pancreas	6. secretion of insulin	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1489 (1996)
7. uterine smooth muscle	7. uterine contraction	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 111 (1996)
8. heart muscle	8. contractility of heart muscle	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 223, 234, and 240-2 (1996)
9. vascular smooth muscle	9. contractility of smooth muscle	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 223, 234, and 240-2 (1996)
10. adipocytes	10. lipolysis	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 235 (1996)
11. platelets	11. platelet aggregation in response to blood vessel injury	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 125 and 1353-1354 (1996)

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12. skeletal neuromuscular junction	12. skeletal muscle contractility	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 169-170 and 172 (1996)
13. bronchial smooth muscle	13. respiration	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 110 and 125 (1996)
14. nasal mucosal blood vessels	14. mucosa volume	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 223 (1996)
15. trigone muscle of bladder and urethra	15. urinary outflow	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 230 (1996)
16. chondrocytes	16. cartilage formation	Harrison's, <u>Principles of Internal Medicine</u> , 13 th Edition, pages 1692-1694 (1994)
17. ciliary body of the eye	17. aqueous humor production	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 241 (1996)
18. thyroid	18. thyroid hormone secretion	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 241 and 1393-1401 (1996)
19. mast cells	19. immediate hypersensitivity reactions	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 583-592 (1996)
20. basophils	20. immediate hypersensitivity reactions	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 583-592 (1996)
21. osteoblasts	21. bone remodeling	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 596(1996)
22. osteoclasts	22. bone remodeling	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1538-1539 (1996)

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23. brain capillary endothelial cells	23. permeability of blood-brain barrier	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 597 (1996)
24. T cells	24. immune response	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 619 (1996)
25. B cells	25. immune response	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 619 (1996)
26. kidney proximal tubular epithelial cells	26. organic acids exchange	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 651 (1996)
27. neutrophils	27. immune response	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 668-672 (1996)
28. eosinophils	28. immune response	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 668-672 (1996)
29. monocytes	29. immune response	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 668-672 (1996)
30. kidney late distal tubule	30. organic bases exchange	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 704-705, and 710-712 (1996)
31. collecting duct principal cells	31. organic bases exchange	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 704-705, and 710-712 (1996)
32. kidney granular juxtaglomerular cells	32. secretion of renin	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 746-754 (1996)
33. peripheral postganglionic adrenergic neurons	33. sympathetic function	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 790 (1996)

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34. hepatocytes	34. synthesis of cholesterol and lipoprotein	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 876-886 (1996)
35. gastrointestinal parietal cells	35. secretion of stomach acid	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 902-903 (1996)
36. gastrointestinal superficial epithelial cells	36. secretion of cytoprotective factors, mucus and bicarbonate	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 902-903 (1996)
37. epidermal cells	37. skin maintenance	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1243 (1996)
38. bone marrow stem cells	38. erythropoiesis production	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1311 (1996)
39. angle structures of the eye	39. aqueous humor outflow	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1623 and 1633 (1996)
40. uveoscleral structures of eye	40. aqueous humor outflow	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1623 and 1633 (1996)
41. suprachiasmatic nucleus	41. circadian rhythm	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 624-625 (1995)
42. baroreceptors	42. blood pressure	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 203 (1996)
43. basal ganglia	43. movement control	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 506-512, and 514 (1996)
44. periaqueductal grey and dorsal horn of spinal cord	44. nociception	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 529 (1996)
45. area postrema	45. vomiting	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 208-9 (1994)

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46. thalamus	46. sensorimotor processing and arousal	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 465 (1996)
47. sensorimotor cerebral cortex	47. sensorimotor processing	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 465 (1996)
48. spinal cord motor neurons	48. motor function control	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 516-517 (1996)
49. dorsal root ganglion neurons	49. sensory information transmission	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 106 (1996)
50. oligodendrocytes	50. neuron myelin sheath production	Harrison's, <u>Principles of Internal Medicine</u> , 13 th Edition, page 2287 (1994)
51. nucleus basalis	51. cognition and memory	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, page 2271 (1994)
52. nucleus accumbens	52. addictive cravings	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 558 (1996)
53. lateral reticular formation of medulla	53. vomiting	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 928 (1996)
54. hypothalamic neurons containing growth hormone releasing factor (GHRH)	54. secretion of GHRH	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1365-1367 (1996)
55. hypothalamic neurons containing somatostatin	55. secretion of somatostatin	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1365-1657(1996)
56. hypothalamic neurons containing thyrotropin-releasing hormone (TRH)	56. secretion of TRH	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1370-1372 (1996)
57. hypothalamic neurons containing gonadotropin releasing hormone (GnRH)	57. secretion of GnRH	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1372-1380, and 1414-1416 (1996)

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58. hypothalamic neurons containing corticotropin releasing factor (CRF)	58. secretion of CRF	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1463 and 1479-1483 (1996)
59. anterior pituitary somatotropes	59. secretion of growth hormone	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1365-1367 (1996)
60. anterior pituitary lactotropes	60. secretion of prolactin	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1370-1372 (1996)
61. anterior pituitary gonadotropes	61. secretion of luteinizing hormone	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1372-1380 (1996)
62. anterior pituitary gonadotropes	62. secretion of follicle stimulating hormone	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1372-1380 (1996)
63. anterior pituitary corticotropes	63. secretion of adrenocorticotrophic hormone	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1640, and 1479-1483 (1996)
64. leydig cells of the testes	64. secretion of testosterone	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1374 (1996)
65. sertoli cells of the testes	65. spermatogenesis	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1374 (1996)
66. granulosa cells of the ovary	66. synthesis of estrogen	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1375-1380 (1996)
67. theca cells of the ovary	67. synthesis of estrogen	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 1375-1380 (1996)
68. synovium	68. joint function	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 434, 1688-90 (1994)

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69. amygdala	69. modulation of emotion	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 607-612 (1995)
70. pineal gland	70. regulation of circadian rhythm	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 101, 250 (1996)
71. nucleus of the solitary tract	71. cardiovascular regulation	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pp. 415(1994) Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> , pages 600, 602 (1995)
72. caudal ventrolateral medulla	72. cardiovascular regulation	Campos Junior, R. et al., <u>Braz.J.Med.Biol.Res.</u> , 27(10) pages 2467-2479 (1994)
73. rostral ventrolateral medulla	73. vasopressor activity	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 414 (1994) Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> , page 602 (1995)
74. parabrachial nucleus	74. taste aversion response and nociceptive response	Scalera G. et al. <u>Behav. Neurosci.</u> , 109 (5) pages 997-1008; Allen G.V., et al., <u>Brain Res.</u> , 715(1-2) pages 125-135 (1996)
75. entorhinal cortex	75. cognition	Isaacson, R. <u>The Limbic System</u> , 2 nd Edition, pp. 40, 42 (1982).
76. piriform cortex	76. cognition	Roman, F. et al., <u>Brain Res.</u> , 418(2) pages 1081-1089 (1994)
77. temporal cortex	77. memory and higher order visual and auditory processing	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> , pages 349-50, 354-5 (1995)
78. prefrontal cortex	78. motor planning and memory	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pp 348-53 (1995)
79. parietal cortex	79. visual acuity, touch perception, and voluntary movement	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 340-345, 349-50, 354 (1995)

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80. occipital cortex	80. visual acuity	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 349-350, 431-433 (1995)
81. hippocampus	81. learning and memory	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 657, 680 (1995)
82. dentate gyrus	82. learning and memory	Isaacson, R. <u>The Limbic System</u> , 2 nd Edition, pages 207-209 (1982)
83. midbrain reticular formation	83. arousal	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 140 (1982)
84. supraoptic nucleus of the hypothalamus	84. reproductive functions	Swanson, L. et al., <u>Handbook of Chemical Neuroanatomy</u> Vol. 5 Integrated Systems of the CNS, Part I page 11 (1987)
85. magnocellular neurons of the hypothalamus	85. modulation of stress, blood pressure and lactation	Swanson, L. et al., <u>Handbook of Chemical Neuroanatomy</u> Vol. 5 Integrated Systems of the CNS, Part I page 11 (1987)
86. parvocellular neurons of the hypothalamus	86. metabolism	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1463 (1996)
87. arcuate nucleus of the hypothalamus	87. release of pituitary hormones	Kandel, E. et al., <u>Principles of Neural Science</u> , 3 rd Edition pages 740-741 (1991)
88. trigeminal area	88. cerebral vessel dilation and blood pressure	Goadsby, P. et al., <u>J. Anat.</u> 190 (Pt3) pages 367-375 (1997); Goadsby, P. et al., <u>Brain Res.</u> , 751(2) pages 247-252 (1997)
89. cerebral blood vessels	89. cerebral blood flow	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pp. 2234, 2324 (1994); Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 251(1996)

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90. brain stem	90. breathing, heart rate, startle responses, sweating, blood pressure, digestion and body temperature	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 204-205 (1982)
91. ventral lamina terminalis	91. blood pressure	Johnson, AK, et al., <u>Clin. Exp Pharmacol Physiol.</u> , 23(2) pages 183-191 (1996)
92. vagus nerve	92. blood pressure and heart rate, bronchial function, digestion	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 208; (1982) Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 107 (1996)
93. nucleus of the solitary tract	93. blood pressure	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 106 (1996)
94. adrenal medulla	94. catecholamine response to stress	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 107 (1996)
95. adrenal cortex	95. stress-induced corticosterone release	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 1463 (1996)
96. locus coeruleus	96. arousal and response to stress	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 146-147 (1982); Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 283 (1996)
97. substantia nigra	97. control of body movement	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 508 (1996)
98. ventral tegmental area	98. control of body movement	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 626 (1995)

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99. olfactory bulb	99. odor perception	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 109-110 (1994)
100. median eminence of hypothalamus	100. pituitary function	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, p. page 1363 (1996)
101. raphe nuclei	101. sleep and arousal	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 255 (1996)
102. habenula	102. sexual activity	Modianos D. et al. <u>J. Comp. Physiol. Psychol.</u> , 89(3) page 231-7 (1975)
103. cerebellum	103. control of body movement	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> page 536, 538-544 (1995)
104. posterior hypothalamus	104. intestinal motility and blood pressure	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 106 (1996)
105. dorsal medulla	105. blood pressure	Yardley, C. et al., <u>J. Auton. Nerv. Syst.</u> , 29(1) pages 1-11 (1989)
106. lateral hypothalamus	106. food intake and stomach acid secretion	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 220 (1996)
107. rostral hypothalamus	107. heart rate	Jones, D. et al., <u>Can. J. Physiol. Pharmacol.</u> 66(10) pages 1270-1277 (1988)
108. pontine-medullary reticular formation	108. respiration and heart rate	Long, S. et al., <u>Can. J. Physiol. Pharmacol.</u> 62(62) pages 161-182 (1984)
109. medulla	109. respiration and heart rate	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, pages 106, 192 (1996)
110. mesencephalon	110. heart rate	Korte S. et al., <u>J. Auton. Nerv. Syst.</u> , 41(1-2) pages 157-176 (1992)
111. ventral hypothalamus	111. response to stress	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 285 (1996)

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112. paraventricular nucleus of hypothalamus	112. response to stress	Imaki T. et al., <u>Brain. Res. Mol. Brain. Res.</u> , 32(2) pages 261-270 (1995)
113. preoptic area of hypothalamus	113. sexual activity	Kandel, E. et al., <u>Principles of Neural Science</u> , 3 rd Edition, pages 968-969 (1991)
114. mammillary region	114. food intake	Brackenridge, et al., <u>Proc.Sco.Exptl.Biol.Med.</u> , 131 pages 934-935 (1969)
115. perifornical area of hypothalamus	115. food intake	Leibowitz, S. et al., <u>Brain. Res.</u> , 172(1) pages 101-113 (1979)
116. ventromedial hypothalamus	116. food intake	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 220 (1996)
117. reticular formation	117. arousal, wakefulness	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 138-142 (1982)
118. septal nucleus	118. emotional control	Poplawsky, A. et al., <u>Behav.Neural.Biol.</u> , 53(1) pages 133-139 (1990)
119. pedunculopontine tegmental nucleus	119. arousal	Reese, N. et al., <u>Prog.Neurobiol.</u> , 47(2) pages 105-133 (1995)
120. astrocytes	120. neuronal metabolism	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> page 28 (1995)
121. microglia	121. response to neuronal injury	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 47, 54 (1982)
122. choroid plexus	122. production of cerebrospinal fluid	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 28, 30, 96 (1982)
123. Schwann cells	123. myelination of peripheral nerves	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> page 28 (1995)

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124. endoneurium	124. production of connective tissue nerve sheath	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 263 (1982)
125. lateral spinothalamic pathway	125. response to pain and temperature stimuli	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 114-116, 119-121 (1982)
126. anterior (ventral) spinothalamic pathway	126. touch sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 114-116 (1982)
127. dorsal column-medial lemniscal pathway	127. touch sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 114-116, 122-124 (1982)
128. free nerve endings	128. response to pain and temperature	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)
129. hair follicle endings	129. touch sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)
130. Krause's end-bulb	130. temperature sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)
131. Meissner's corpuscles	131. touch-pressure sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)

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132. Merkel's disk	132. touch-pressure sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)
133. Pacinian corpuscle	133. touch-pressure sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)
134. Ruffini's corpuscle	134. temperature sensation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 118 (1982)
135. retina	135. visual acuity	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 407-410 (1995)
136. parathyroid gland	136. calcium balance	Harrison's, <u>Principle of Internal Medicine</u> , 13 th Edition, pages 2145-2146 (1994)
137. placenta	137. placental activity	Goodman & Gilman's, <u>The Pharmacological Basis of Therapeutics</u> , 9 th Edition, page 11 (1996)
138. skeletal muscle fibers	138. muscle contraction	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 29, 506-10 (1995)
139. corpora cavernosa	139. genital vasodilation	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 224 (1982)
140. corticospinal tract	140. movement control	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 496-7, 530 (1995)
141. motor cerebral cortex	141. movement control	Kandel, E. et al., <u>Essentials of Neural Science and Behavior</u> pages 530-536 (1995)

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142. postganglionic neurons	142. control of blood pressure and adrenal activity	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 206 (1982)
143. intramural ganglion	143. distal colon peristalsis	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 209 (1982)
144. hypogastric plexus	144. control of urethral and anal sphincters	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , pages 209, 211 (1982)
145. pelvic plexus	145. genital vasodilatation and penile erection	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 209 (1982)
146. vesical plexus	146. urinary bladder control	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 209 (1982)
147. celiac plexus	147. intestinal peristalsis	Daube, J. et al. <u>Medical Neurosciences, An Approach to Anatomy, Pathology and Physiology by Systems and Level</u> , page 211 (1982)